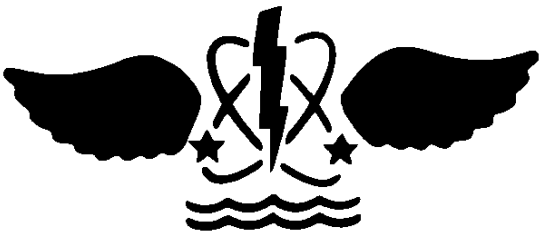
CHAPTER 12



NAVAL AIRCREWMEN
(AW)

NAVPERS 18068-12G
CH-62

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

NAVAL AIRCREWMEN (TACTICAL HELICOPTER) (AWR)

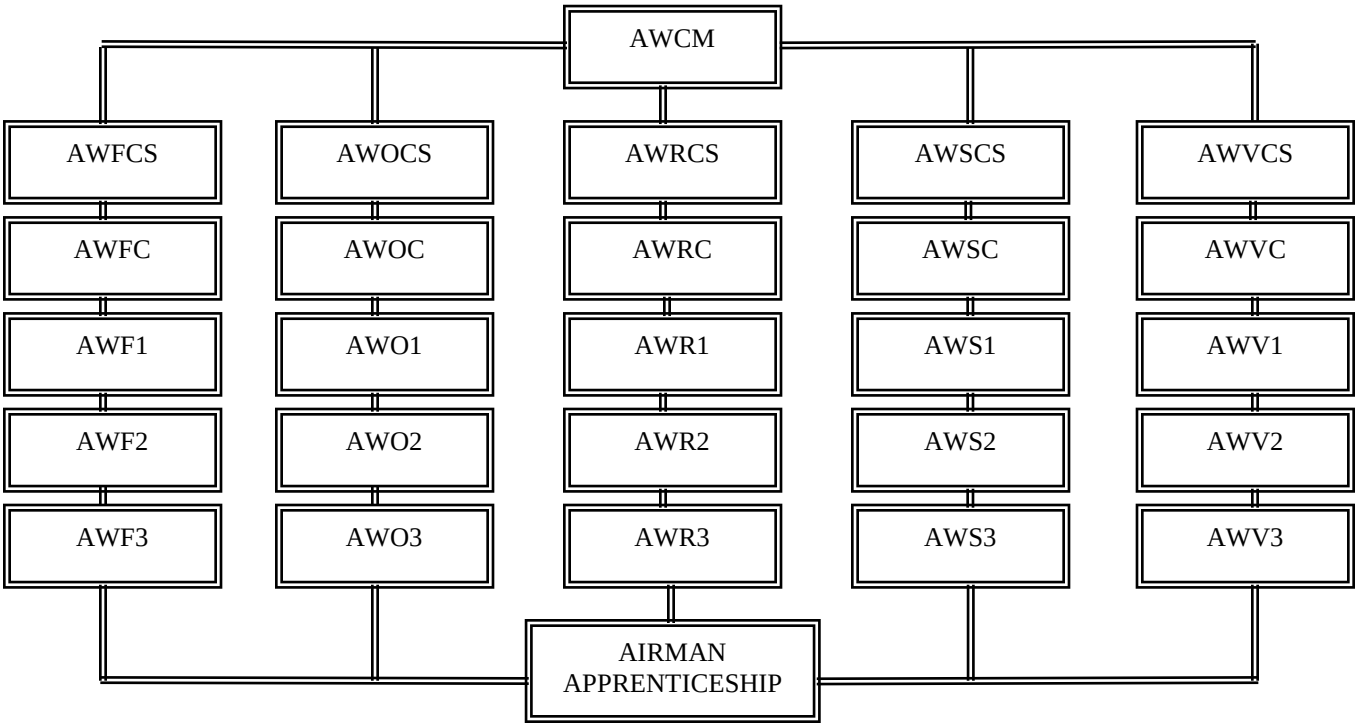
SCOPE OF RATING

Naval Aircrewmen (Tactical Helicopter) (AWR) detect, analyze, classify, and track sub-surface,surface, and air contacts; perform Sound Navigation and Ranging (SONAR), sonobuoy, Radio Detection and Ranging (RADAR), Electronic Support Measures (ESM), Forward Looking Infrared (FLIR), Inverse Synthetic Aperture Radar (ISAR), and LINK-16 operations; help coordinate tactical communications relay; conduct weapons delivery in support of tactical missions; contribute to Naval Special Warfare (NSW) missions, to include: Search and Rescue (SAR), Combat Search and Rescue (CSAR), Night Vision Device (NVD) operations, navigation, passenger and cargo transport, Vertical Replenishment (VERTREP), Medical Evacuations (MEDEVAC), and crew-served weapons employment; perform observer duties for safety of flight; and contribute directly to aircrew operations, training, and administration.

This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) in Chapter 12.

GENERAL INFORMATION

CAREER PATTERN



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

SAFETY

The observance of Operational Risk Management (ORM) and proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.

Job Title **Job Code**

Tactical Multi-Sensor Operator 002521

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Military Specific	TBD	TACTICAL MULTI-SENSOR OPERATOR	TMS OP

Pay Plan	Career Field	Other Relationships and Rules
ENLISTED	AWR	NEC 7873

Job Description

Tactical Multi-Sensor Operators are members of integrated tactical crew aboard multi-mission helicopters; coordinate communications during tactical missions at sea; conduct weapons delivery; handle ordnance; detect, analyze, classify and track surface, subsurface, and air contacts; operate electronic sensor equipment; perform ground based aircrew duties that contribute directly to aircrew operations, training, and administration to maintain aircrew qualifications and certifications; perform Basic Life Support (BLS) and crew-served weapons employment; and conduct passenger and cargo transport, vertical replenishment, Medical Evacuations (MEDEVAC), and Search And Rescue (SAR) missions.

DoD Relationship		O*NET Relationship		
Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
Sonar Operator, General	121000	Air Crew Members	55-3011.00	Military Specific

Skills	Abilities
Critical Thinking	*Deductive Reasoning*
Coordination	*Inductive Reasoning*
Operation and Control	*Fluency of Ideas*
Management of Material Resources	*Control Precision*
Systems Analysis	*Information Ordering*
Quality Control Analysis	*Memorization*
Operation Monitoring	*Finger Dexterity*
Monitoring	*Visualization*
Instructing	*Written Expression*
Judgment and Decision Making	*Mathematical Reasoning*

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E6	NON-CORE	Administer Aircrew Combat Training Continuum (ACTC) programs
E5	CORE	Administer command Search and Rescue (SAR) programs
E5	CORE	Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs
E5	CORE	Analyze training and readiness matrices
E7	CORE	Brief fleet aviation training requirements to upper echelon
E6	NON-CORE	Certify Aircrew Combat Training Continuum (ACTC) qualifications in training jackets
E5	CORE	Certify command Search and Rescue (SAR) qualifications in training jackets
E5	CORE	Certify Naval Air Training and Operating Procedures Standardization (NATOPS) qualifications in training jackets
E5	CORE	Conduct aviation Search and Rescue (SAR) evaluations
E7	CORE	Conduct flight order audit boards
E7	CORE	Coordinate monthly training requirements
E6	CORE	Coordinate tactical exercises and missions
E5	NON-CORE	Maintain Aircrew Combat Training Continuum (ACTC) training jackets
E5	CORE	Maintain aircrew flight databases

E4	CORE	Maintain tactical publication libraries
E7	CORE	Manage aircrew administration
E7	CORE	Manage temporary flight order programs
E5	CORE	Prepare administrative briefs
E5	CORE	Prepare flight hour reports
E5	CORE	Review Naval Air Training and Operating Procedures Standardization (NATOPS) records
E6	CORE	Supervise aircrew administration
E5	CORE	Update aircrew course curriculum
E4	CORE	Update flight time log books
E5	CORE	Update individual flight time summaries

AIRCREW DUTIES

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Adjust cabin for mission configurations
E4	CORE	Arm laser systems
E4	CORE	Assist passengers into aircraft
E4	CORE	Calculate sensor formulas
E4	CORE	Calculate visual search altitudes
E4	CORE	Conduct aircraft fueling operations
E4	CORE	Conduct helicopter in-flight refueling
E4	CORE	Conduct helicopter passenger safety briefs
E4	CORE	Configure aircraft for Anti-Submarine Warfare (ASW) operations
E4	CORE	Configure Recovery, Assist, Securing, and Traversing (RAST) equipment for landing and take-off
E4	CORE	Evaluate weapons employment
E7	CORE	Manage aircrew duties
E4	CORE	Operate crew-served weapons and small arms
E4	CORE	Operate tactical system consoles
E4	CORE	Perform aircraft emergency procedures
E4	CORE	Perform aircraft ground handling operations
E4	CORE	Perform aircraft pre and post-flight inspections
E4	CORE	Perform aircraft vector procedures
E4	CORE	Perform Bomb Hit Assessments (BHA)
E4	CORE	Perform engine start-up procedures
E4	CORE	Perform flight mission planning
E4	CORE	Perform general aircraft servicing
E4	CORE	Perform in-flight observer duties
E4	CORE	Perform mission equipment operational checks
E4	CORE	Perform on station mission turnovers
E4	CORE	Perform pre and post-flight checks of rescue swimmer equipment
E4	CORE	Perform pre and post-flight checks of survival equipment

E4	CORE	Perform radar system pre-flight checks
E4	CORE	Perform small arms and crew-served weapons functional checks
E4	NON-CORE	Perform vibration analysis during flights
E4	CORE	Prepare aircraft static exhibits
E4	CORE	Report contacts
E4	CORE	Review aircraft discrepancy records
E6	CORE	Supervise aircrew duties

AIRCREW TRAINING

Paygrade	**Task Type**	**Task Statements**
E5	CORE	Administer aircrew training programs
E7	CORE	Analyze monthly reports
E5	CORE	Conduct acoustic and non-acoustic training
E5	NON-CORE	Conduct Airborne Use of Force (AUF) training
E5	NON-CORE	Conduct Airborne Use of Force (AUF) training evaluations
E5	CORE	Conduct Aircraft Survivability Equipment (ASE) training
E5	CORE	Conduct Aircrew Combat Training Continuum (ACTC) evaluations
E7	CORE	Conduct aircrew training program evaluations
E5	CORE	Conduct aviation Search and Rescue (SAR) swimmer training
E5	CORE	Conduct crew-served weapons aerial gunnery training
E5	CORE	Conduct in-flight training
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) flight training
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) ground training
E4	CORE	Conduct sensor operator proficiency training
E5	CORE	Conduct small arms classroom training
E5	CORE	Conduct small arms live fire training
E5	CORE	Conduct survival training
E5	CORE	Conduct tactical flight training
E5	CORE	Conduct tactical ground training
E5	CORE	Conduct target recognition training
E6	CORE	Coordinate warfare training exercises
E6	CORE	Develop long and short range aircrew training plans
E5	NON-CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) exams
E5	CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) lesson material
E5	CORE	Develop tactical exams
E5	CORE	Develop tactical training materials

E5	NON-CORE	Facilitate crew resource management programs
E5	NON-CORE	Manage Airborne Use of Force (AUF) programs
E7	CORE	Manage aircrew systems training
E7	CORE	Manage Fleet Replacement Squadron (FRS) student productions
E7	CORE	Manage tactical training programs
E5	CORE	Operate Weapons Systems Trainers (WST) and Combat Systems Trainers (CST)
E6	CORE	Supervise aircrew systems training

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Deploy emergency signal devices
E4	CORE	Identify pyrotechnic communications
E7	CORE	Manage communications systems and operations
E4	CORE	Operate communications equipment
E4	CORE	Perform brevity code communications
E4	CORE	Perform Internal Systems (ICS) communications
E4	CORE	Perform radio communications
E6	CORE	Supervise aircrew communications
E4	CORE	Troubleshoot Internal Communication Systems (ICS)
E4	CORE	Troubleshoot radios

ENVIRONMENTAL

Paygrade	Task Type	Task Statements
E4	CORE	Analyze Bathythermograph (BT) data
E4	CORE	Analyze bottom contour charts
E4	CORE	Analyze environmental data
E4	CORE	Analyze meteorological and oceanographic conditions
E4	CORE	Analyze sound transmission paths
E4	CORE	Classify sound transmission paths
E4	CORE	Determine tactical environmental considerations
E7	CORE	Manage environmental data and products
E4	CORE	Perform on station environmental updates
E4	CORE	Perform Operational Reporting (OPREP) procedures
E6	CORE	Supervise environmental data and product development

LOGISTICS AND OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Conduct cargo operations
E4	CORE	Conduct passenger transfers
E4	CORE	Configure aircraft for cargo operations
E6	CORE	Coordinate aircraft configurations with maintenance control
E5	CORE	Coordinate flight mission priorities
E7	CORE	Coordinate long and short range aircraft operational availability plans

E5	CORE	Determine aircrew requirements and qualifications for flight and simulator events
E4	CORE	Load cargo into aircraft
E7	CORE	Manage aircrew qualification and readiness program evaluations
E6	CORE	Manage aircrew qualification and readiness programs
E7	CORE	Manage aircrew requirements and qualifications for flight and simulator events
E7	CORE	Manage coordinated operation assets
E7	CORE	Manage logistics operations
E7	NON-CORE	Manage Operational Target (OPTAR) budgets
E7	NON-CORE	Match aircrew to mission detachment and crew requirements
E7	CORE	Prepare country clearance messages
E5	CORE	Prepare flight schedules
E7	CORE	Prioritize aircrew assignments
E6	CORE	Request airlifts
E6	CORE	Supervise logistics operations

SEARCH AND RESCUE (SAR)/COMBAT SEARCH AND RESCUE (CSAR) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Attach rescue devices to rescue hoist
E4	CORE	Configure aircraft for Search and Rescue (SAR)
E6	CORE	Coordinate Combat Search and Rescue (CSAR) operations
E5	CORE	Coordinate Search and Rescue (SAR) missions
E4	CORE	Deploy rescue devices
E4	CORE	Deploy rescue swimmers
E4	CORE	Perform Basic Life Support (BLS)
E4	CORE	Perform Combat Search and Rescue (CSAR) authentication procedures
E4	CORE	Perform in-water aviation rescue swimmer procedures
E4	CORE	Perform Medical Evacuations (MEDEVAC)
E4	CORE	Perform survivor assessments
E4	CORE	Plot survivor locations
E4	CORE	Recover rescue devices
E4	CORE	Recover rescue swimmers and survivors

SENSOR SYSTEMS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze active and passive contact data
E4	CORE	Analyze Electronic Warfare Support (ES) contacts
E4	CORE	Analyze Forward Looking Infrared (FLIR) contacts
E4	CORE	Analyze in-flight threat data
E4	CORE	Analyze Infrared (IR) and Electro Optics (EO) contact data
E4	CORE	Analyze Magnetic Anomaly Detection (MAD) contacts
E4	CORE	Analyze mission tactical plots
E4	CORE	Analyze pre and post-flight mission data

E4	CORE	Analyze radar contact data
E4	CORE	Classify Electronic Warfare Support (ES) contacts
E4	CORE	Classify Forward Looking Infrared (FLIR) contacts
E4	CORE	Classify Magnetic Anomaly Detection (MAD) contact data
E4	CORE	Classify non-acoustic contact data
E4	CORE	Classify passive and active contacts
E4	CORE	Collect contact information
E4	CORE	Conduct Electronic Warfare Support (ES) searches
E4	CORE	Conduct Identification Friend or Foe (IFF) and Selective Identification Feature (SIF) interrogations
E4	CORE	Conduct passive acoustic searches
E4	CORE	Correlate Electronic Warfare Support (ES) contact information
E4	CORE	Determine optimum sensor effectiveness
E4	CORE	Evaluate in-flight radar data
E4	CORE	Gather Aircraft Survivability Equipment (ASE) threat data
E4	CORE	Identify sonobouy aural cues
E4	CORE	Initiate mission systems
E7	CORE	Manage sensor systems operations
E4	CORE	Monitor Aircraft Survivability Equipment (ASE)
E4	CORE	Operate analysis equipment
E4	CORE	Operate Forward Looking Infrared (FLIR) tape recording equipment
E4	CORE	Operate Magnetic Anomaly Detection (MAD) system reeling machines
E4	CORE	Operate mission data recorder system equipment
E4	CORE	Perform aircraft systems testing
E4	CORE	Perform Magnetic Anomaly Detection (MAD) compensations
E4	CORE	Perform weather avoidance radar navigation
E4	CORE	Program Aircraft Survivability Equipment (ASE)
E4	CORE	Set up tactical plots
E6	CORE	Supervise sensor systems operations
E4	CORE	Track contacts and Targets of Interest (TOI)
E4	CORE	Transmit data link information
E4	CORE	Troubleshoot mission systems

SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Classify visual contacts information
E4	NON-CORE	Conduct Airborne Use of Force (AUF) special operations
E4	CORE	Conduct Infrared (IR) and Electro Optical (EO) surveillances
E4	CORE	Conduct Night Vision Device (NVD) flight operations
E4	CORE	Configure aircraft for Special Warfare Operations (SPECOPS)
E4	CORE	Configure Night Vision Devices (NVD) for environmental conditions

E4	CORE	Deploy Naval Special Warfare (NSW) equipment
E4	CORE	Deploy special warfare personnel
E4	CORE	Operate vision enhancement devices in-flight
E4	CORE	Perform aerial photography
E4	CORE	Perform Night Vision Device (NVD) pre-flight checks
E4	CORE	Perform photographic riggings
E4	CORE	Perform visual searches
E7	CORE	Plan Naval Special Warfare (NSW) operations
E4	CORE	Troubleshoot Night Vision Device (NVD) equipment in-flight

TACTICS/TARGET MOTION ANALYSIS

Paygrade	Task Type	Task Statements
E4	CORE	Calculate sensor ranges
E4	CORE	Conduct Over-The-Horizon Targeting (OTHT)
E4	CORE	Conduct tactical airborne radar operations
E4	CORE	Conduct Target Motion Analysis (TMA)
E4	CORE	Construct search patterns
E4	CORE	Determine acoustic sensor search depths
E4	CORE	Determine attack criteria for weapons release
E4	CORE	Determine Target of Interest (TOI) datum
E5	CORE	Develop tactical proficiency programs
E5	NON-CORE	Develop tactical simulator scenarios
E4	CORE	Identify contacts' Closest Point of Approach (CPA)
E4	CORE	Plot Electronic Warfare Support (ES) contact intercepts
E4	CORE	Plot radar contact intercepts
E4	CORE	Verify Area Of Probability (AOP)

WEAPONS, ORDNANCE, AND STORES

Paygrade	Task Type	Task Statements
E4	CORE	Arm search stores
E4	CORE	Configure aircraft stores
E4	CORE	Deploy mission stores
E4	CORE	Deploy sonobouys
E4	CORE	Document ordnance expenditures
E7	CORE	Manage Non-Combat Expenditure Allocations (NCEA)
E7	CORE	Plan ordnance operations
E4	CORE	Program sonobouys
E4	CORE	Secure ordnance in aircraft
E5	CORE	Track ordnance allocations and inventories
E4	CORE	Troubleshoot crew-served weapons in-flight
E4	CORE	Verify sonobouy programmable settings

Job Title **Job Code**

Tactical Systems Operator 002549

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Military Specific	TBD	TACTICAL SYSTEMS OPERATOR	ASW OP

Pay Plan	Career Field	Other Relationships and Rules
ENLISTED	AWR	NEC 7876

Job Description

Tactical Systems Operators are members of integrated tactical crews aboard multi-mission helicopters; detect, analyze, classify and track subsurface contacts utilizing state of the art technology; perform sonar and sonobuoy operations, help coordinate tactical communications relay, and conduct weapons delivery in support of tactical missions worldwide; contribute directly to aircrew operations and Naval Special Warfare (NSW) missions such as: Search and Rescue (SAR), Combat Search and Rescue (CSAR), Night Vision Device (NVD) operations, navigation, passenger and cargo transport, Vertical Replenishment (VERTREP), Medical Evacuations (MEDEVAC), and crew-served weapons employment; and perform observer duties for safety of flight.

DoD Relationship

Group Title	*DoD Code*
Sonar Operator, General	121000

O*NET Relationship

Occupation Title	*SOC Code*	*Job Family*
Air Crew Members	55-3011.00	Military Specific

Skills	Abilities
Critical Thinking	*Deductive Reasoning*
Coordination	*Inductive Reasoning*
Operation and Control	*Fluency of Ideas*
Management of Material Resources	*Control Precision*
Systems Analysis	*Information Ordering*
Quality Control Analysis	*Memorization*
Operation Monitoring	*Visualization*
Monitoring	*Written Expression*
Instructing	*Finger Dexterity*
Systems Evaluation	*Mathematical Reasoning*

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E6	NON-CORE	Administer Aircrew Combat Training Continuum (ACTC) programs
E5	CORE	Administer command Search and Rescue (SAR) programs
E5	CORE	Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs
E5	CORE	Analyze training and readiness matrices
E7	CORE	Brief fleet aviation training requirements to upper echelon
E6	NON-CORE	Certify Aircrew Combat Training Continuum (ACTC) qualifications in training jackets
E5	CORE	Certify command Search and Rescue (SAR) qualifications in training jackets
E5	CORE	Certify Naval Air Training and Operating Procedures Standardization (NATOPS) qualifications in training jackets
E5	CORE	Conduct aviation Search and Rescue (SAR) evaluations
E7	CORE	Conduct flight order audit boards
E7	CORE	Coordinate monthly training requirements
E6	CORE	Coordinate tactical exercises and missions
E5	NON-CORE	Maintain Aircrew Combat Training Continuum (ACTC) training jackets
E5	CORE	Maintain aircrew flight databases
E4	CORE	Maintain tactical publication libraries

E7	CORE	Manage aircrew administration
E7	CORE	Manage temporary flight order programs
E5	CORE	Prepare administrative briefs
E5	CORE	Prepare flight hour reports
E5	CORE	Review Naval Air Training and Operating Procedures Standardization (NATOPS) records
E6	CORE	Supervise aircrew administration
E5	CORE	Update aircrew course curriculum
E4	CORE	Update flight time log books
E5	CORE	Update individual flight time summaries

AIRCREW DUTIES

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Adjust cabin for mission configurations
E4	CORE	Arm laser systems
E4	CORE	Assist passengers into aircraft
E4	CORE	Calculate sensor formulas
E4	CORE	Calculate visual search altitudes
E4	CORE	Conduct aircraft fueling operations
E4	CORE	Conduct helicopter in-flight refueling
E4	CORE	Conduct helicopter passenger safety briefs
E4	CORE	Configure aircraft for Anti-Submarine Warfare (ASW) operations
E4	CORE	Configure Recovery, Assist, Securing, and Traversing (RAST) equipment for landing and take-off
E4	CORE	Evaluate weapons employment
E7	CORE	Manage aircrew duties
E4	CORE	Operate crew-served weapons and small arms
E4	CORE	Operate tactical system consoles
E4	CORE	Perform aircraft emergency procedures
E4	CORE	Perform aircraft ground handling operations
E4	CORE	Perform aircraft pre and post-flight inspections
E4	CORE	Perform aircraft vector procedures
E4	CORE	Perform Bomb Hit Assessments (BHA)
E4	CORE	Perform engine start-up procedures
E4	CORE	Perform flight mission planning
E4	CORE	Perform general aircraft servicing
E4	CORE	Perform in-flight observer duties
E4	CORE	Perform mission equipment operational checks
E4	CORE	Perform on station mission turnovers
E4	CORE	Perform pre and post-flight checks of rescue swimmer equipment
E4	CORE	Perform pre and post-flight checks of survival equipment
E4	CORE	Perform small arms and crew-served weapons functional checks

E4	NON-CORE	Perform vibration analysis during flights
E4	CORE	Prepare aircraft static exhibits
E4	CORE	Report contacts
E4	CORE	Review aircraft discrepancy records
E6	CORE	Supervise aircrew duties

AIRCREW TRAINING

Paygrade	**Task Type**	**Task Statements**
E5	CORE	Administer aircrew training programs
E7	CORE	Analyze monthly reports
E5	CORE	Conduct acoustic and non-acoustic training
E5	NON-CORE	Conduct Airborne Use of Force (AUF) training
E5	NON-CORE	Conduct Airborne Use of Force (AUF) training evaluations
E5	CORE	Conduct Aircraft Survivability Equipment (ASE) training
E5	CORE	Conduct Aircrew Combat Training Continuum (ACTC) evaluations
E7	CORE	Conduct aircrew training program evaluations
E5	CORE	Conduct aviation Search and Rescue (SAR) swimmer training
E5	CORE	Conduct crew-served weapons aerial gunnery training
E5	CORE	Conduct in-flight training
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) flight training
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) ground training
E4	CORE	Conduct sensor operator proficiency training
E5	CORE	Conduct small arms classroom training
E5	CORE	Conduct small arms live fire training
E5	CORE	Conduct survival training
E5	CORE	Conduct tactical flight training
E5	CORE	Conduct tactical ground training
E5	CORE	Conduct target recognition training
E6	CORE	Coordinate warfare training exercises
E6	CORE	Develop long and short range aircrew training plans
E5	NON-CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) exams
E5	CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) lesson material
E5	CORE	Develop tactical exams
E5	CORE	Develop tactical training materials
E5	NON-CORE	Facilitate crew resource management programs
E5	NON-CORE	Manage Airborne Use of Force (AUF) programs
E7	CORE	Manage aircrew systems training

E7	CORE	Manage Fleet Replacement Squadron (FRS) student productions
E7	CORE	Manage tactical training programs
E5	CORE	Operate Weapons Systems Trainers (WST) and Combat Systems Trainers (CST)
E6	CORE	Supervise aircrew systems training

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Conduct underwater communications
E4	CORE	Deploy emergency signal devices
E4	CORE	Identify pyrotechnic communications
E7	CORE	Manage communications systems and operations
E4	CORE	Operate communications equipment
E4	CORE	Perform brevity code communications
E4	CORE	Perform Internal Systems (ICS) communications
E4	CORE	Perform radio communications
E6	CORE	Supervise aircrew communications
E4	CORE	Troubleshoot Internal Communication Systems (ICS)
E4	CORE	Troubleshoot radios

ENVIRONMENTAL

Paygrade	Task Type	Task Statements
E4	CORE	Analyze Bathythermograph (BT) data
E4	CORE	Analyze bottom contour charts
E4	CORE	Analyze environmental data
E4	CORE	Analyze meteorological and oceanographic conditions
E4	CORE	Analyze sound transmission paths
E4	CORE	Classify sound transmission paths
E4	CORE	Determine tactical environmental considerations
E7	CORE	Manage environmental data and products
E4	CORE	Perform on station environmental updates
E4	CORE	Perform Operational Reporting (OPREP) procedures
E6	CORE	Supervise environmental data and product development

LOGISTICS AND OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Conduct cargo operations
E4	CORE	Conduct passenger transfers
E4	CORE	Configure aircraft for cargo operations
E6	CORE	Coordinate aircraft configurations with maintenance control
E5	CORE	Coordinate flight mission priorities
E7	CORE	Coordinate long and short range aircraft operational availability plans
E5	CORE	Determine aircrew requirements and qualifications for flight and simulator events
E4	CORE	Load cargo into aircraft

E7	CORE	Manage aircrew qualification and readiness program evaluations
E6	CORE	Manage aircrew qualification and readiness programs
E7	CORE	Manage aircrew requirements and qualifications for flight and simulator events
E7	CORE	Manage coordinated operation assets
E7	CORE	Manage logistics operations
E7	NON-CORE	Manage Operational Target (OPTAR) budgets
E7	NON-CORE	Match aircrew to mission detachment and crew requirements
E7	CORE	Prepare country clearance messages
E5	CORE	Prepare flight schedules
E7	CORE	Prioritize aircrew assignments
E6	CORE	Request airlifts
E6	CORE	Supervise logistics operations

SEARCH AND RESCUE (SAR)/COMBAT SEARCH AND RESCUE (CSAR) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Attach rescue devices to rescue hoist
E4	CORE	Configure aircraft for Search and Rescue (SAR)
E6	CORE	Coordinate Combat Search and Rescue (CSAR) operations
E5	CORE	Coordinate Search and Rescue (SAR) missions
E4	CORE	Deploy rescue devices
E4	CORE	Deploy rescue swimmers
E4	CORE	Perform Basic Life Support (BLS)
E4	CORE	Perform Combat Search and Rescue (CSAR) authentication procedures
E4	CORE	Perform in-water aviation rescue swimmer procedures
E4	CORE	Perform Medical Evacuations (MEDEVAC)
E4	CORE	Perform survivor assessments
E4	CORE	Plot survivor locations
E4	CORE	Recover rescue devices
E4	CORE	Recover rescue swimmers and survivors

SENSOR SYSTEMS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze active and passive contact data
E4	CORE	Analyze Forward Looking Infrared (FLIR) contacts
E4	CORE	Analyze in-flight threat data
E4	CORE	Analyze mission tactical plots
E4	CORE	Analyze pre and post-flight mission data
E4	CORE	Classify Forward Looking Infrared (FLIR) contacts
E4	CORE	Classify non-acoustic contact data
E4	CORE	Classify passive and active contacts
E4	CORE	Collect contact information
E4	CORE	Conduct passive acoustic searches
E4	CORE	Deploy sonar domes

E4	CORE	Determine optimum sensor effectiveness
E4	CORE	Gather Aircraft Survivability Equipment (ASE) threat data
E4	CORE	Identify sonobouy aural cues
E4	CORE	Initiate mission systems
E7	CORE	Manage sensor systems operations
E4	CORE	Monitor Aircraft Survivability Equipment (ASE)
E4	CORE	Operate analysis equipment
E4	CORE	Operate Forward Looking Infrared (FLIR) tape recording equipment
E4	CORE	Operate mission data recorder system equipment
E4	CORE	Perform aircraft systems testing
E4	CORE	Program Aircraft Survivability Equipment (ASE)
E4	CORE	Set up tactical plots
E6	CORE	Supervise sensor systems operations
E4	CORE	Track contacts and Targets of Interest (TOI)
E4	CORE	Troubleshoot mission systems

SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Classify visual contacts information
E4	NON-CORE	Conduct Airborne Use of Force (AUF) special operations
E4	CORE	Conduct Infrared (IR) and Electro Optical (EO) surveillances
E4	CORE	Conduct Night Vision Device (NVD) flight operations
E4	CORE	Configure aircraft for Special Warfare Operations (SPECOPS)
E4	CORE	Configure Night Vision Devices (NVD) for environmental conditions
E4	CORE	Deploy Naval Special Warfare (NSW) equipment
E4	CORE	Deploy special warfare personnel
E4	CORE	Operate vision enhancement devices in-flight
E4	CORE	Perform aerial photography
E4	CORE	Perform Night Vision Device (NVD) pre-flight checks
E4	CORE	Perform photographic riggings
E4	CORE	Perform visual searches
E7	CORE	Plan Naval Special Warfare (NSW) operations
E4	CORE	Troubleshoot Night Vision Device (NVD) equipment in-flight

TACTICS/TARGET MOTION ANALYSIS

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Calculate sensor ranges
E4	CORE	Conduct Target Motion Analysis (TMA)
E4	CORE	Construct search patterns
E4	CORE	Determine acoustic sensor search depths
E4	CORE	Determine attack criteria for weapons release
E4	CORE	Determine Target of Interest (TOI) datum

E5	CORE	Develop tactical proficiency programs
E5	NON-CORE	Develop tactical simulator scenarios
E4	CORE	Identify contacts' Closest Point of Approach (CPA)
E4	CORE	Verify Area Of Probability (AOP)

WEAPONS, ORDNANCE, AND STORES

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Arm search stores
E4	CORE	Configure aircraft stores
E4	CORE	Deploy mission stores
E4	CORE	Deploy sonobouys
E4	CORE	Document ordnance expenditures
E7	CORE	Manage Non-Combat Expenditure Allocations (NCEA)
E7	CORE	Plan ordnance operations
E4	CORE	Program sonobouys
E4	CORE	Secure ordnance in aircraft
E5	CORE	Track ordnance allocations and inventories
E4	CORE	Troubleshoot crew-served weapons in-flight
E4	CORE	Verify sonobouy programmable settings

Job Title **Job Code**

Aircrew Readiness Manager (Tactical Helicopter) 002743

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Transportation and Material Moving	TBD	ACREW READINESS MGR TAC HELO	ARM (TAC HELO)

Pay Plan	Career Field	Other Relationships and Rules
ENLISTED	AWR	Not Applicable

Job Description

Aircrew Readiness Managers (Tactical Helicopter) are crucial and integral members of staffs, operational commands, and squadrons; coordinate the operational, administrative, and aircrew scheduling functions for the organization; administer and manage training programs and resources for naval aircrew, manage standardization of aircrew training programs to enhance proficiency and readiness, and coordinate all aspects of aircrew training to meet the rigorous demands of operational commitments worldwide; administer and direct the Naval Air Training and Operating Procedures Standardization (NATOPS) and the Search and Rescue (SAR) programs; and direct tactics, training and readiness, ordnance and weapons, and aircrew training. As program managers, they analyze training resource requirements; review and approve contract options for new training devices and programs; develop and revise curriculum; incorporate and initiate new aircrew training programs; manage student quotas, qualifications and certifications; and coordinate aircrew physical fitness and health program initiatives.

DoD Relationship

Group Title	*DoD Code*
Air Crew, General	10500

O*NET Relationship

Occupation Title	*SOC Code*	*Job Family*
Airfield Operations Specialists	53-2022.00	Transportation and Material Moving

Skills	Abilities
Critical Thinking	*Deductive Reasoning*
Coordination	*Fluency of Ideas*
Quality Control Analysis	*Inductive Reasoning*
Management of Material Resources	*Information Ordering*
Monitoring	*Visualization*
Management of Personnel Resources	*Originality*
Instructing	*Written Expression*
Writing	*Memorization*
Judgment and Decision Making	*Oral Expression*
Systems Analysis	*Selective Attention*

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E6	NON-CORE	Administer Aircrew Combat Training Continuum (ACTC) programs
E5	CORE	Administer command Search and Rescue (SAR) programs
E5	CORE	Analyze training and readiness matrices
E7	CORE	Brief fleet aviation training requirements to upper echelon
E6	NON-CORE	Certify Aircrew Combat Training Continuum (ACTC) qualifications in training jackets
E5	CORE	Certify command Search and Rescue (SAR) qualifications in training jackets
E5	CORE	Certify Naval Air Training and Operating Procedures Standardization (NATOPS) qualifications in training jackets
E5	CORE	Conduct aviation Search and Rescue (SAR) evaluations
E7	NON-CORE	Conduct fleet acquisition program briefs
E7	CORE	Conduct flight order audit boards
E7	CORE	Coordinate monthly training requirements
E6	CORE	Coordinate tactical exercises and missions
E7	NON-CORE	Coordinate training systems acquisition contracts
E7	NON-CORE	Coordinate weapons system designs with contract engineers

E7	NON-CORE	Define aircrew readiness requirements for individuals and crews
E7	NON-CORE	Implement aircrew manpower processes from accession to fleet integration
E5	NON-CORE	Maintain Aircrew Combat Training Continuum (ACTC) training jackets
E7	CORE	Manage aircrew administration
E7	CORE	Manage temporary flight order programs
E5	CORE	Prepare administrative briefs
E5	CORE	Review Naval Air Training and Operating Procedures Standardization (NATOPS) records
E6	CORE	Supervise aircrew administration
E5	CORE	Update aircrew course curriculum

AIRCREW DUTIES

Paygrade	Task Type	Task Statements
E7	CORE	Manage aircrew duties
E6	CORE	Supervise aircrew duties

AIRCREW TRAINING

Paygrade	Task Type	Task Statements
E5	CORE	Administer aircrew training programs
E7	CORE	Analyze monthly reports
E5	CORE	Conduct acoustic and non-acoustic training
E5	NON-CORE	Conduct Airborne Use of Force (AUF) training
E5	NON-CORE	Conduct Airborne Use of Force (AUF) training evaluations
E7	CORE	Conduct aircrew training program evaluations
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) flight training
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) ground training
E6	CORE	Coordinate warfare training exercises
E7	CORE	Determine aircrew requirements for aerial gunnery
E7	CORE	Determine present and future fleet aviation training requirements
E6	CORE	Develop long and short range aircrew training plans
E5	NON-CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) exams
E5	CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) lesson material
E5	CORE	Develop tactical training materials
E5	NON-CORE	Facilitate crew resource management programs
E5	NON-CORE	Manage Airborne Use of Force (AUF) programs

E7	CORE	Manage aircrew systems training
E7	CORE	Manage Fleet Replacement Squadron (FRS) student productions
E7	CORE	Manage tactical training programs
E6	CORE	Supervise aircrew systems training

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E7	CORE	Manage communications systems and operations
E6	CORE	Supervise aircrew communications

ENVIRONMENTAL

Paygrade	Task Type	Task Statements
E7	CORE	Manage environmental data and products
E6	CORE	Supervise environmental data and product development

LOGISTICS AND OPERATIONS

Paygrade	Task Type	Task Statements
E7	NON-CORE	Analyze emerging technology to meet fleet training requirements
E5	CORE	Coordinate flight mission priorities
E7	CORE	Coordinate long and short range aircraft operational availability plans
E7	CORE	Manage aircrew qualification and readiness program evaluations
E6	CORE	Manage aircrew qualification and readiness programs
E7	CORE	Manage aircrew requirements and qualifications for flight and simulator events
E7	CORE	Manage coordinated operation assets
E7	CORE	Manage logistics operations
E7	NON-CORE	Manage Operational Target (OPTAR) budgets
E7	NON-CORE	Match aircrew to mission detachment and crew requirements
E7	CORE	Monitor fleet training and readiness levels
E7	CORE	Prepare country clearance messages
E7	CORE	Prioritize aircrew assignments
E6	CORE	Request airlifts
E6	CORE	Supervise logistics operations

SEARCH AND RESCUE (SAR)/COMBAT SEARCH AND RESCUE (CSAR) OPERATIONS

Paygrade	Task Type	Task Statements
E6	CORE	Coordinate Combat Search and Rescue (CSAR) operations

SENSOR SYSTEMS

Paygrade	Task Type	Task Statements
E7	CORE	Manage sensor systems operations
E6	CORE	Supervise sensor systems operations

SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS

Paygrade	Task Type	Task Statements
E7	CORE	Plan Naval Special Warfare (NSW) operations

TACTICS/TARGET MOTION ANALYSIS

Paygrade	Task Type	Task Statements
E5	CORE	Develop tactical proficiency programs
E5	NON-CORE	Develop tactical simulator scenarios

WEAPONS, ORDNANCE, AND STORES

Paygrade	Task Type	Task Statements
E7	CORE	Manage Non-Combat Expenditure Allocations (NCEA)
E7	CORE	Plan ordnance operations
E5	CORE	Track ordnance allocations and inventories

Job Title **Job Code**

Multi-Mission Helicopter Sensor Operator 002747

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Military Specific	TBD	MULTI-MISSION SENSOR OPERATOR	MM SENSOR OP

Pay Plan	Career Field	Other Relationships and Rules
ENLISTED	AWR	NEC 7875

Job Description

Multi-Mission Helicopter Sensor Operators are members of integrated tactical crew aboard multi-mission helicopters; coordinate communications during tactical missions at sea; conduct weapons delivery; detect, analyze, classify and track surface, subsurface, and air contacts; operate electronic sensor equipment; perform ground based aircrew duties that contribute directly to aircrew operations, training, and administration to maintain aircrew qualifications and certifications; perform Basic Life Support (BLS); handle and employ Search and Rescue (SAR) and crew-served weapons ordnance; and conduct passenger and cargo transport, vertical replenishment, Medical Evacuations (MEDEVAC), and Search And Rescue missions (SAR).

DoD Relationship

Group Title	*DoD Code*
Sonar Operator, General	121000

O*NET Relationship

Occupation Title	*SOC Code*	*Job Family*
Air Crew Members	55-3011.00	Military Specific

Skills	Abilities
Critical Thinking	*Deductive Reasoning*
Coordination	*Inductive Reasoning*
Operation and Control	*Fluency of Ideas*
Management of Material Resources	*Control Precision*
Systems Analysis	*Information Ordering*
Quality Control Analysis	*Memorization*
Operation Monitoring	*Finger Dexterity*
Monitoring	*Visualization*
Instructing	*Written Expression*
Judgment and Decision Making	*Mathematical Reasoning*

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E6	NON-CORE	Administer Aircrew Combat Training Continuum (ACTC) programs
E5	CORE	Administer command Search and Rescue (SAR) programs
E5	CORE	Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs
E5	CORE	Analyze training and readiness matrices
E7	CORE	Brief fleet aviation training requirements to upper echelon
E6	NON-CORE	Certify Aircrew Combat Training Continuum (ACTC) qualifications in training jackets
E5	CORE	Certify command Search and Rescue (SAR) qualifications in training jackets
E5	CORE	Certify Naval Air Training and Operating Procedures Standardization (NATOPS) qualifications in training jackets
E5	CORE	Conduct aviation Search and Rescue (SAR) evaluations
E7	CORE	Conduct flight order audit boards
E7	CORE	Coordinate monthly training requirements
E6	CORE	Coordinate tactical exercises and missions
E5	NON-CORE	Maintain Aircrew Combat Training Continuum (ACTC) training jackets
E5	CORE	Maintain aircrew flight databases
E4	CORE	Maintain tactical publication libraries

E7	CORE	Manage aircrew administration
E7	CORE	Manage temporary flight order programs
E5	CORE	Prepare administrative briefs
E5	CORE	Prepare flight hour reports
E5	CORE	Review Naval Air Training and Operating Procedures Standardization (NATOPS) records
E6	CORE	Supervise aircrew administration
E5	CORE	Update aircrew course curriculum
E4	CORE	Update flight time log books
E5	CORE	Update individual flight time summaries

AIRCREW DUTIES

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Adjust cabin for mission configurations
E4	CORE	Arm laser systems
E4	CORE	Assist passengers into aircraft
E4	CORE	Calculate sensor formulas
E4	CORE	Calculate visual search altitudes
E4	CORE	Conduct aircraft fueling operations
E4	CORE	Conduct helicopter in-flight refueling
E4	CORE	Conduct helicopter passenger safety briefs
E4	CORE	Configure aircraft for Anti-Submarine Warfare (ASW) operations
E4	CORE	Configure Recovery, Assist, Securing, and Traversing (RAST) equipment for landing and take-off
E4	CORE	Evaluate weapons employment
E4	CORE	Load classified mission system data
E7	CORE	Manage aircrew duties
E4	CORE	Operate crew-served weapons and small arms
E4	CORE	Operate tactical system consoles
E4	CORE	Perform aircraft emergency procedures
E4	CORE	Perform aircraft ground handling operations
E4	CORE	Perform aircraft pre and post-flight inspections
E4	CORE	Perform aircraft vector procedures
E4	CORE	Perform Bomb Hit Assessments (BHA)
E4	CORE	Perform engine start-up procedures
E4	CORE	Perform flight mission planning
E4	CORE	Perform general aircraft servicing
E4	CORE	Perform in-flight observer duties
E4	CORE	Perform mission equipment operational checks
E4	CORE	Perform on station mission turnovers
E4	CORE	Perform pre and post-flight checks of rescue swimmer equipment
E4	CORE	Perform pre and post-flight checks of survival equipment

E4	CORE	Perform small arms and crew-served weapons functional checks
E4	CORE	Prepare aircraft static exhibits
E4	CORE	Report contacts
E4	CORE	Review aircraft discrepancy records
E6	CORE	Supervise aircrew duties

AIRCREW TRAINING

Paygrade	**Task Type**	**Task Statements**
E5	CORE	Administer aircrew training programs
E7	CORE	Analyze monthly reports
E5	CORE	Conduct acoustic and non-acoustic training
E5	NON-CORE	Conduct Airborne Use of Force (AUF) training
E5	NON-CORE	Conduct Airborne Use of Force (AUF) training evaluations
E5	CORE	Conduct Aircraft Survivability Equipment (ASE) training
E5	CORE	Conduct Aircrew Combat Training Continuum (ACTC) evaluations
E7	CORE	Conduct aircrew training program evaluations
E5	CORE	Conduct aviation Search and Rescue (SAR) swimmer training
E5	CORE	Conduct crew-served weapons aerial gunnery training
E5	CORE	Conduct in-flight training
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) flight training
E5	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) ground training
E4	CORE	Conduct sensor operator proficiency training
E5	CORE	Conduct small arms classroom training
E5	CORE	Conduct small arms live fire training
E5	CORE	Conduct survival training
E5	CORE	Conduct tactical flight training
E5	CORE	Conduct tactical ground training
E5	CORE	Conduct target recognition training
E6	CORE	Coordinate warfare training exercises
E6	CORE	Develop long and short range aircrew training plans
E5	NON-CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) exams
E5	CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) lesson material
E5	CORE	Develop tactical exams
E5	CORE	Develop tactical training materials
E5	NON-CORE	Facilitate crew resource management programs
E5	NON-CORE	Manage Airborne Use of Force (AUF) programs
E7	CORE	Manage aircrew systems training

E7	CORE	Manage Fleet Replacement Squadron (FRS) student productions
E7	CORE	Manage tactical training programs
E5	CORE	Operate Weapons Systems Trainers (WST) and Combat Systems Trainers (CST)
E6	CORE	Supervise aircrew systems training

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Conduct underwater communications
E4	CORE	Deploy emergency signal devices
E4	CORE	Identify pyrotechnic communications
E7	CORE	Manage communications systems and operations
E4	CORE	Operate communications equipment
E4	CORE	Perform brevity code communications
E4	CORE	Perform Internal Systems (ICS) communications
E4	CORE	Perform radio communications
E6	CORE	Supervise aircrew communications
E4	CORE	Troubleshoot Internal Communication Systems (ICS)
E4	CORE	Troubleshoot radios

ENVIRONMENTAL

Paygrade	Task Type	Task Statements
E4	CORE	Analyze Bathythermograph (BT) data
E4	CORE	Analyze bottom contour charts
E4	CORE	Analyze environmental data
E4	CORE	Analyze meteorological and oceanographic conditions
E4	CORE	Analyze sound transmission paths
E4	CORE	Classify sound transmission paths
E4	CORE	Determine tactical environmental considerations
E7	CORE	Manage environmental data and products
E4	CORE	Perform on station environmental updates
E4	CORE	Perform Operational Reporting (OPREP) procedures
E6	CORE	Supervise environmental data and product development

LOGISTICS AND OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Conduct cargo operations
E4	CORE	Conduct passenger transfers
E4	CORE	Configure aircraft for cargo operations
E6	CORE	Coordinate aircraft configurations with maintenance control
E5	CORE	Coordinate flight mission priorities
E7	CORE	Coordinate long and short range aircraft operational availability plans
E5	CORE	Determine aircrew requirements and qualifications for flight and simulator events
E4	CORE	Load cargo into aircraft

E7	CORE	Manage aircrew qualification and readiness program evaluations
E6	CORE	Manage aircrew qualification and readiness programs
E7	CORE	Manage aircrew requirements and qualifications for flight and simulator events
E7	CORE	Manage coordinated operation assets
E7	CORE	Manage logistics operations
E7	NON-CORE	Manage Operational Target (OPTAR) budgets
E7	NON-CORE	Match aircrew to mission detachment and crew requirements
E7	CORE	Prepare country clearance messages
E5	CORE	Prepare flight schedules
E7	CORE	Prioritize aircrew assignments
E6	CORE	Request airlifts
E6	CORE	Supervise logistics operations

SEARCH AND RESCUE (SAR)/COMBAT SEARCH AND RESCUE (CSAR) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Attach rescue devices to rescue hoist
E4	CORE	Configure aircraft for Search and Rescue (SAR)
E6	CORE	Coordinate Combat Search and Rescue (CSAR) operations
E5	CORE	Coordinate Search and Rescue (SAR) missions
E4	CORE	Deploy rescue devices
E4	CORE	Deploy rescue swimmers
E4	CORE	Perform Basic Life Support (BLS)
E4	CORE	Perform Combat Search and Rescue (CSAR) authentication procedures
E4	CORE	Perform in-water aviation rescue swimmer procedures
E4	CORE	Perform Medical Evacuations (MEDEVAC)
E4	CORE	Perform survivor assessments
E4	CORE	Plot survivor locations
E4	CORE	Recover rescue devices
E4	CORE	Recover rescue swimmers and survivors

SENSOR SYSTEMS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze active and passive contact data
E4	CORE	Analyze Electronic Warfare Support (ES) contacts
E4	CORE	Analyze in-flight threat data
E4	CORE	Analyze Infrared (IR) and Electro Optics (EO) contact data
E4	CORE	Analyze mission tactical plots
E4	CORE	Analyze Multi-Spectral Targeting System (MTS) contact data
E4	CORE	Analyze pre and post-flight mission data
E4	CORE	Analyze radar contact data
E4	CORE	Classify Electronic Warfare Support (ES) contacts
E4	CORE	Classify Multi-Spectral Targeting System (MTS) contacts
E4	CORE	Classify non-acoustic contact data

E4	CORE	Classify passive and active contacts
E4	CORE	Collect contact information
E4	CORE	Conduct Electronic Warfare Support (ES) searches
E4	CORE	Conduct Identification Friend or Foe (IFF) and Selective Identification Feature (SIF) interrogations
E4	CORE	Conduct passive acoustic searches
E4	CORE	Correlate Electronic Warfare Support (ES) contact information
E4	CORE	Deploy sonar domes
E4	CORE	Determine optimum sensor effectiveness
E4	CORE	Evaluate in-flight radar data
E4	CORE	Gather Aircraft Survivability Equipment (ASE) threat data
E4	CORE	Identify sonobouy aural cues
E4	CORE	Initiate mission systems
E7	CORE	Manage sensor systems operations
E4	CORE	Monitor Aircraft Survivability Equipment (ASE)
E4	CORE	Operate analysis equipment
E4	CORE	Operate mission data recorder system equipment
E4	CORE	Perform aircraft systems testing
E4	CORE	Perform weather avoidance radar navigation
E4	CORE	Program Aircraft Survivability Equipment (ASE)
E4	CORE	Set up tactical plots
E6	CORE	Supervise sensor systems operations
E4	CORE	Track contacts and Targets of Interest (TOI)
E4	CORE	Transmit data link information
E4	CORE	Troubleshoot mission systems

SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Classify visual contacts information
E4	NON-CORE	Conduct Airborne Use of Force (AUF) special operations
E4	CORE	Conduct Infrared (IR) and Electro Optical (EO) surveillances
E4	CORE	Conduct Night Vision Device (NVD) flight operations
E4	CORE	Configure aircraft for Special Warfare Operations (SPECOPS)
E4	CORE	Configure Night Vision Devices (NVD) for environmental conditions
E4	CORE	Deploy Naval Special Warfare (NSW) equipment
E4	CORE	Deploy special warfare personnel
E4	CORE	Operate vision enhancement devices in-flight
E4	CORE	Perform aerial photography
E4	CORE	Perform Night Vision Device (NVD) pre-flight checks

E4	CORE	Perform photographic riggings
E4	CORE	Perform visual searches
E7	CORE	Plan Naval Special Warfare (NSW) operations
E4	CORE	Troubleshoot Night Vision Device (NVD) equipment in-flight

TACTICS/TARGET MOTION ANALYSIS

Paygrade	Task Type	Task Statements
E4	CORE	Calculate sensor ranges
E4	CORE	Conduct Over-The-Horizon Targeting (OTHT)
E4	CORE	Conduct tactical airborne radar operations
E4	CORE	Conduct Target Motion Analysis (TMA)
E4	CORE	Construct search patterns
E4	CORE	Determine acoustic sensor search depths
E4	CORE	Determine attack criteria for weapons release
E4	CORE	Determine Target of Interest (TOI) datum
E5	CORE	Develop tactical proficiency programs
E5	NON-CORE	Develop tactical simulator scenarios
E4	CORE	Identify contacts' Closest Point of Approach (CPA)
E4	CORE	Plot Electronic Warfare Support (ES) contact intercepts
E4	CORE	Plot radar contact intercepts
E4	CORE	Verify Area Of Probability (AOP)

WEAPONS, ORDNANCE, AND STORES

Paygrade	Task Type	Task Statements
E4	CORE	Arm search stores
E4	CORE	Configure aircraft stores
E4	CORE	Deploy mission stores
E4	CORE	Deploy sonobouys
E4	CORE	Document ordnance expenditures
E7	CORE	Manage Non-Combat Expenditure Allocations (NCEA)
E7	CORE	Plan ordnance operations
E4	CORE	Program sonobouys
E4	CORE	Secure ordnance in aircraft
E5	CORE	Track ordnance allocations and inventories
E4	CORE	Troubleshoot crew-served weapons in-flight
E4	CORE	Verify sonobouy programmable settings

Job Title **Job Code**

Aircraft Carrier Tactical Support Center (CV-TSC) Operator 002748

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Military Specific	TBD	CARRIER SUPPORT CTR OPERATOR	CV TAC SUP CTR

Pay Plan	Career Field	Other Relationships and Rules
ENLISTED	AWR	Not Applicable

Job Description

Aircraft Carrier Tactical Support Center Operators support the mission of the CV-TSC through utilization of the tactical and sensor functions of the AN/SQQ-34 (V) 2 system and supporting peripheral equipment; perform AN/SQQ-34C (V) 2 set-up and configuration based on mission task; and operate the Chart Workspace, Acoustic Sensor Workspace, Radar and Camera Workspace, Aircraft Management Workspace, Mission Support Workspace, and Help Workspace to support all facets of carrier based Anti-Submarine Warfare (ASW), Surface Surveillance, Search and Rescue (SAR), and operations conducted by organic (MH-60R) and inorganic (P-3/P-8/NATO/UAS) tactical aircraft.

DoD Relationship

Group Title	*DoD Code*
Sonar Operator, General	121

O*NET Relationship

Occupation Title	*SOC Code*	*Job Family*
Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members, All Other	55-3019.00	Military Specific

Skills	Abilities
Critical Thinking	*Deductive Reasoning*
Operation and Control	*Inductive Reasoning*
Systems Analysis	*Information Ordering*
Coordination	*Fluency of Ideas*
Monitoring	*Control Precision*
Operation Monitoring	*Memorization*
Operations Analysis	*Finger Dexterity*
Quality Control Analysis	*Originality*
Writing	*Written Expression*
Speaking	*Mathematical Reasoning*

AIRCRAFT CARRIER TACTICAL OPERATIONS

Paygrade	Task Type	Task Statements
E5	NON-CORE	Analyze collected intelligence
E5	NON-CORE	Analyze tactical missions
E5	NON-CORE	Conduct mission briefs and debriefs
E5	NON-CORE	Conduct Post Mission Analysis (PMA)
E6	NON-CORE	Conduct watch team positional training
E5	NON-CORE	Coordinate Operating Area (OPAREA) schedules with external agencies
E6	NON-CORE	Coordinate operations with tactical watch officers
E5	NON-CORE	Determine tactical intelligence considerations
E5	NON-CORE	Develop aircrew mission briefs
E5	NON-CORE	Disseminate intelligence data
E5	NON-CORE	Evaluate tactical plot operations
E5	NON-CORE	Evaluate water space management
E6	NON-CORE	Manage tactical data flow
E5	NON-CORE	Perform Anti-Submarine Warfare (ASW) module watchstanding duties
E5	NON-CORE	Plot water space management areas
E5	NON-CORE	Prepare mission capability briefs

E5	NON-CORE	Prepare mission summary logs
E5	NON-CORE	Prepare post-exercise presentations
E5	NON-CORE	Prepare pre-exercise presentations
E6	NON-CORE	Prepare warfare briefs
E5	NON-CORE	Review hot areas and air space restrictions
E6	NON-CORE	Supervise tactical watch teams

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E4	CORE	Maintain tactical publication libraries
E5	CORE	Prepare administrative briefs
E6	CORE	Supervise aircrew administration

AIRCREW DUTIES

Paygrade	Task Type	Task Statements
E4	CORE	Calculate sensor formulas
E4	CORE	Evaluate weapons employment
E4	CORE	Operate tactical system consoles
E4	CORE	Perform aircraft vector procedures
E4	CORE	Perform Bomb Hit Assessments (BHA)
E4	CORE	Perform flight mission planning
E4	CORE	Perform on station mission turnovers
E4	CORE	Report contacts

AIRCREW TRAINING

Paygrade	Task Type	Task Statements
E5	CORE	Administer aircrew training programs
E5	CORE	Conduct acoustic and non-acoustic training
E5	CORE	Conduct target recognition training
E6	CORE	Develop long and short range aircrew training plans
E5	CORE	Develop tactical training materials
E6	CORE	Supervise aircrew systems training

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Identify pyrotechnic communications
E4	CORE	Operate communications equipment
E4	CORE	Perform brevity code communications
E4	CORE	Perform radio communications
E6	CORE	Supervise aircrew communications

ENVIRONMENTAL

Paygrade	Task Type	Task Statements
E4	CORE	Analyze Bathythermograph (BT) data
E4	CORE	Analyze bottom contour charts

E4	CORE	Analyze environmental data
E4	CORE	Analyze meteorological and oceanographic conditions
E4	CORE	Analyze sound transmission paths
E4	CORE	Classify sound transmission paths
E4	CORE	Determine tactical environmental considerations
E4	CORE	Perform on station environmental updates
E4	CORE	Perform Operational Reporting (OPREP) procedures
E6	CORE	Supervise environmental data and product development

SEARCH AND RESCUE (SAR)/COMBAT SEARCH AND RESCUE (CSAR) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Plot survivor locations

SENSOR SYSTEMS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze active and passive contact data
E4	CORE	Analyze Electronic Warfare Support (ES) contacts
E4	CORE	Analyze Infrared (IR) and Electro Optics (EO) contact data
E4	CORE	Analyze mission tactical plots
E4	CORE	Analyze Multi-Spectral Targeting System (MTS) contact data
E4	CORE	Analyze pre and post-flight mission data
E4	CORE	Analyze radar contact data
E5	CORE	Analyze received in-flight data
E4	CORE	Classify Electronic Warfare Support (ES) contacts
E4	CORE	Classify Multi-Spectral Targeting System (MTS) contacts
E4	CORE	Classify non-acoustic contact data
E4	CORE	Classify passive and active contacts
E4	CORE	Collect contact information
E4	CORE	Conduct Electronic Warfare Support (ES) searches
E4	CORE	Conduct Identification Friend or Foe (IFF) and Selective Identification Feature (SIF) interrogations
E4	CORE	Conduct passive acoustic searches
E4	CORE	Correlate Electronic Warfare Support (ES) contact information
E4	CORE	Evaluate in-flight radar data
E4	CORE	Identify sonobouy aural cues
E4	CORE	Operate analysis equipment
E4	CORE	Set up tactical plots
E6	CORE	Supervise sensor systems operations
E4	CORE	Track contacts and Targets of Interest (TOI)
E4	CORE	Transmit data link information
E4	CORE	Troubleshoot mission systems

SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Classify visual contacts information

TACTICS/TARGET MOTION ANALYSIS

Paygrade	Task Type	Task Statements
E4	CORE	Calculate sensor ranges
E4	CORE	Conduct Over-The-Horizon Targeting (OTHT)
E4	CORE	Conduct Target Motion Analysis (TMA)
E4	CORE	Construct search patterns
E4	CORE	Determine attack criteria for weapons release
E4	CORE	Determine Target of Interest (TOI) datum
E4	CORE	Identify contacts' Closest Point of Approach (CPA)
E4	CORE	Plot radar contact intercepts